

Abstract of the Disclosure

5 A method for treating psoriasis with pulsed
infrared laser illumination. A pulsed infrared diode
laser having a wavelength of 800 nm and a pulse duration
in the millisecond range selectively destroys abnormal
blood vessels beneath psoriatic plaques at depths of up
10 to one millimeter. Areas of approximately 0.5 cm² are
sequentially treated. Uniform illumination intensity at
a wide range of penetration depths allows selective
destruction of the blood vessels without damage to the
surrounding tissue, causing the psoriatic lesions to
15 heal. The method may be applied more generally to the
treatment of other dermal vascular malformations.

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